To: Johnson, Kathleen[Johnson.Kathleen@epa.gov]; Hagler, Tom[Hagler.Tom@epa.gov]; Vendlinski, Tim[vendlinski.tim@epa.gov]; Foresman, Erin[Foresman.Erin@epa.gov]; Kemmerer, John[KEMMERER.JOHN@EPA.GOV]; Diamond, Jane[Diamond.Jane@epa.gov]; Goforth, Kathleen[Goforth.Kathleen@epa.gov]; Hanf, Lisa[Hanf.Lisa@epa.gov]
From: Skophammer, Stephanie
Sent: Fri 11/21/2014 11:41:44 PM
Subject: Meeting Summaries and a few screen shots
Summ of Technical Meeting 2.docx
Summ of Technical Meeting 1.docx

Hi all,

I am attaching the summary documents compiled from Tim and my notes from the first 2 technical meetings. I am awaiting input and consolidation with DWR as we would like to have common agreed-upon outputs.

I also did not realize how much detail people wanted to actually get into at the meeting today so I am providing a visual below and hope that it will help.

Summary: What the modelers did for the EIS:

The modelers tell CALSIM (the bigger better model) to meet the wqs at Threemile Slough. CALSIM spits out a result to say, this is how I will meet that.

That data is then fed into DSM2 (the more refined model). DSM2 says you will not meet them 15% of the time. We flagged this as an issue.

So what they did for us now:

The modelers looked at data and said, what if we tell CALSIM to meet a different wqs (Emmaton, not Threemile Slough). CALSIM would say this is how I can meet that.

That data is then fed into DSM2. DSMS now says, you will not meet them 2% of the time.

Then they explained to us what that difference was all about and how it is within modeling error, results from a mid-month mismatch, and will result in exports decreasing shown below.

Emmaton Exceedances

- Number of days Emmaton standard is active during WY1976 – 1991: 2192 days
- Table below shows number of days with modeled exceedance (expressed as a percentage of days when Emmaton standard is active)
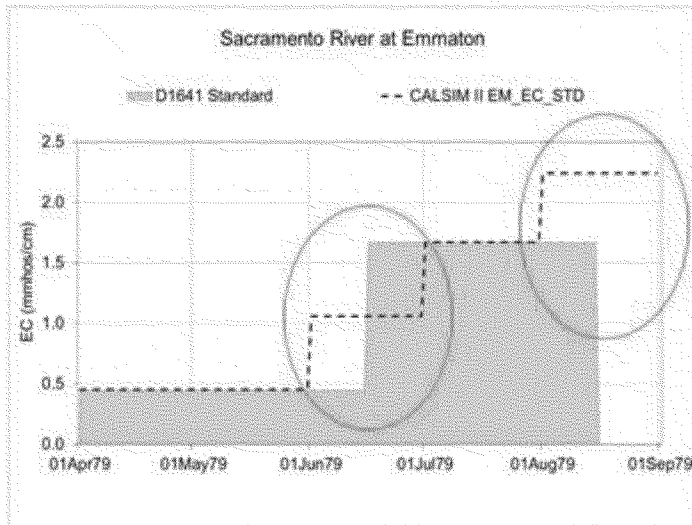
	BDCP			H3_LLT with compliance at Emmaton
	EX	NAA_LLT	H3_LLT	
with daily patterning	10%	14%	28%	16%
without daily patterning	7%	13%	28%	15%

D-1641 Salinity Control Requirements in CALSIM II

Sacramento River at Emmaton

Simulated Sacramento River Inflow to Delta
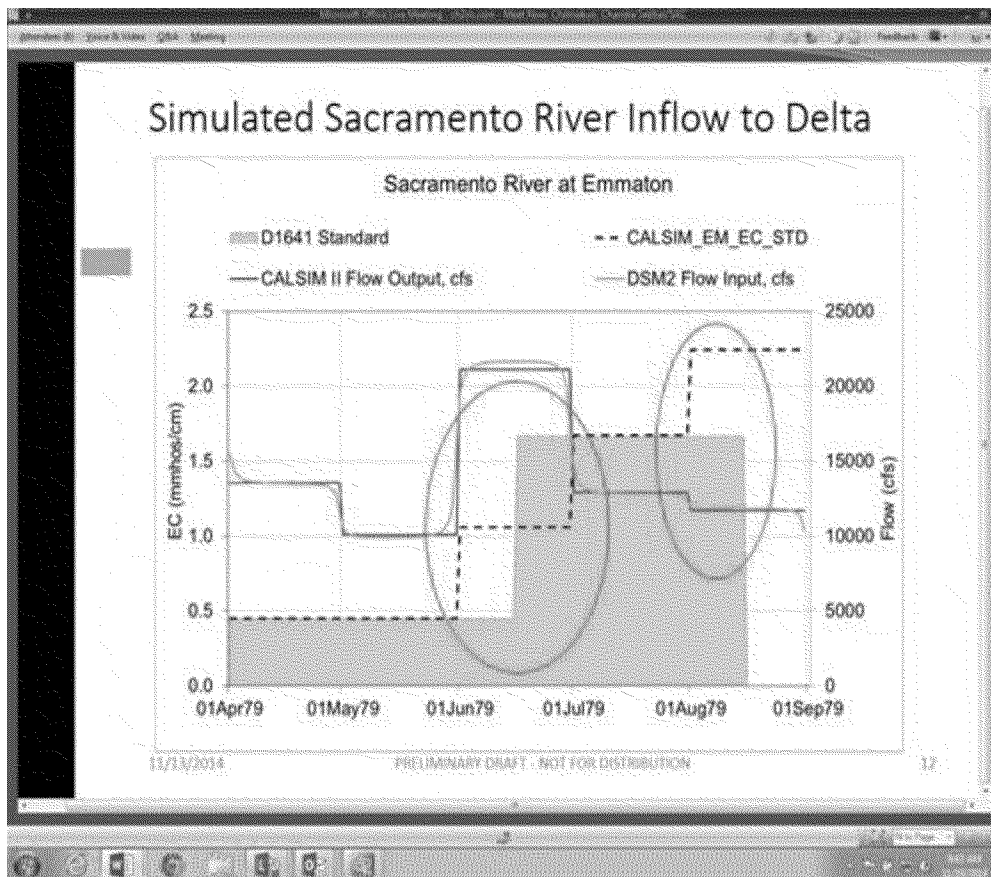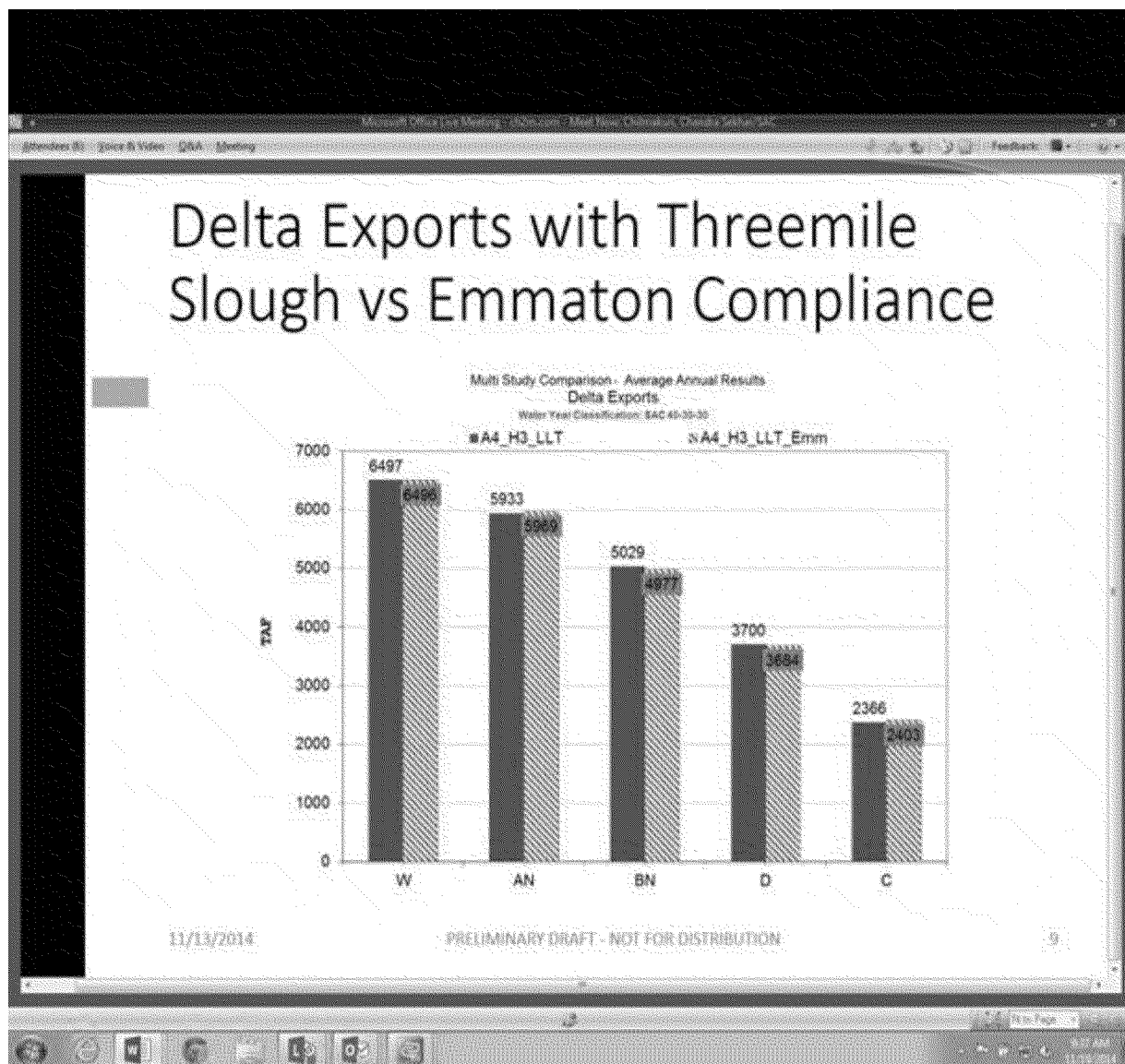
Stephanie Skophammer

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